



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JFW

Applicant: Heinrich Schenk
Serial No.: 10/799,353
Filed: March 12, 2004
Title: METHOD AND APPARATUS FOR REDUCING THE CREST FACTOR OF A SIGNAL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir/Madam:

We are transmitting herewith the attached:

Transmittal Sheet containing Certificate of Mailing (1 pg.).
 Preliminary Amendment (31 pgs.).
 Return Postcard.

If an additional fee is required due to changes to the claims, the fee has been calculated as follows:

CLAIMS AS AMENDED						
	(1) Claims Remaining After Amendment		(2) Highest Number Previously Paid For	(3) Present Extra	Rate	Fee
TOTAL CLAIMS	34	-	34	0	x 18.00 =	\$0.00
INDEPENDENT CLAIMS	2	-	2	0	x 86.00 =	\$0.00
[] MULTIPLE DEPENDENT CLAIMS PRESENTED						\$
TOTAL						\$0.00

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By: *[Signature]*
Name: Paul P. Kempf
Reg. No.: 39,727

CERTIFICATE UNDER 37 C.F.R. 1.8: The undersigned hereby certifies that this paper or papers, as described herein, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 21st day of June, 2004.

By: *[Signature]*
Name: Paul P. Kempf



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Heinrich Schenk Examiner: Unknown
Serial No.: 10/799,353 Group Art Unit: 2631
Filed: March 12, 2004 Docket No.: 2004P50220US
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PRELIMINARY AMENDMENT

Dear Sir:

This Preliminary Amendment modifies the Application filed herewith. Prior to continued examination of the application, please amend as follows:

IN THE SPECIFICATION

Please replace the paragraph beginning on page 1, line 2, with the following rewritten paragraph:

FIELD OF THE INVENTION

BACKGROUND

The present invention relates to a method and to an apparatus for reducing the crest factor (the ratio of peak to average value) of a signal, for example, a multi-carrier communication signal.

Please replace the paragraph beginning on page 1, line 8, with the following rewritten paragraph:

BACKGROUND OF THE INVENTION

In recent years multi-carrier communication systems have been widely used in particular for xDSL communication systems (Digital Subscriber Line) like ADSL (Asymmetric Digital Subscriber Line) or VDSL (Very High Speed Digital Subscriber Line). ~~Fig. 7 shows Figure 1~~